



LCMS ANALYSIS OF RECOMBINANT PEPTIDE VARIANTS

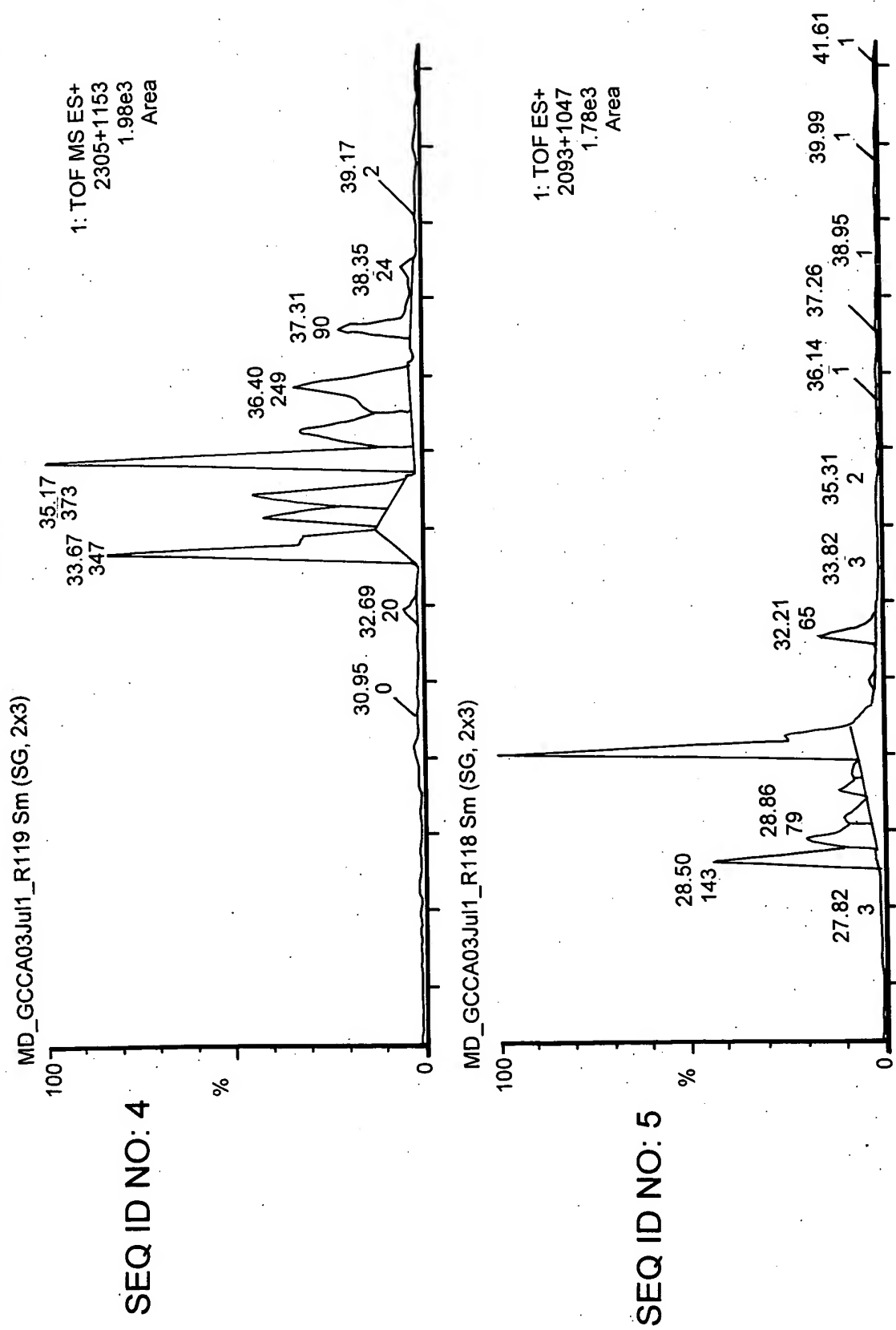


FIG. 1A

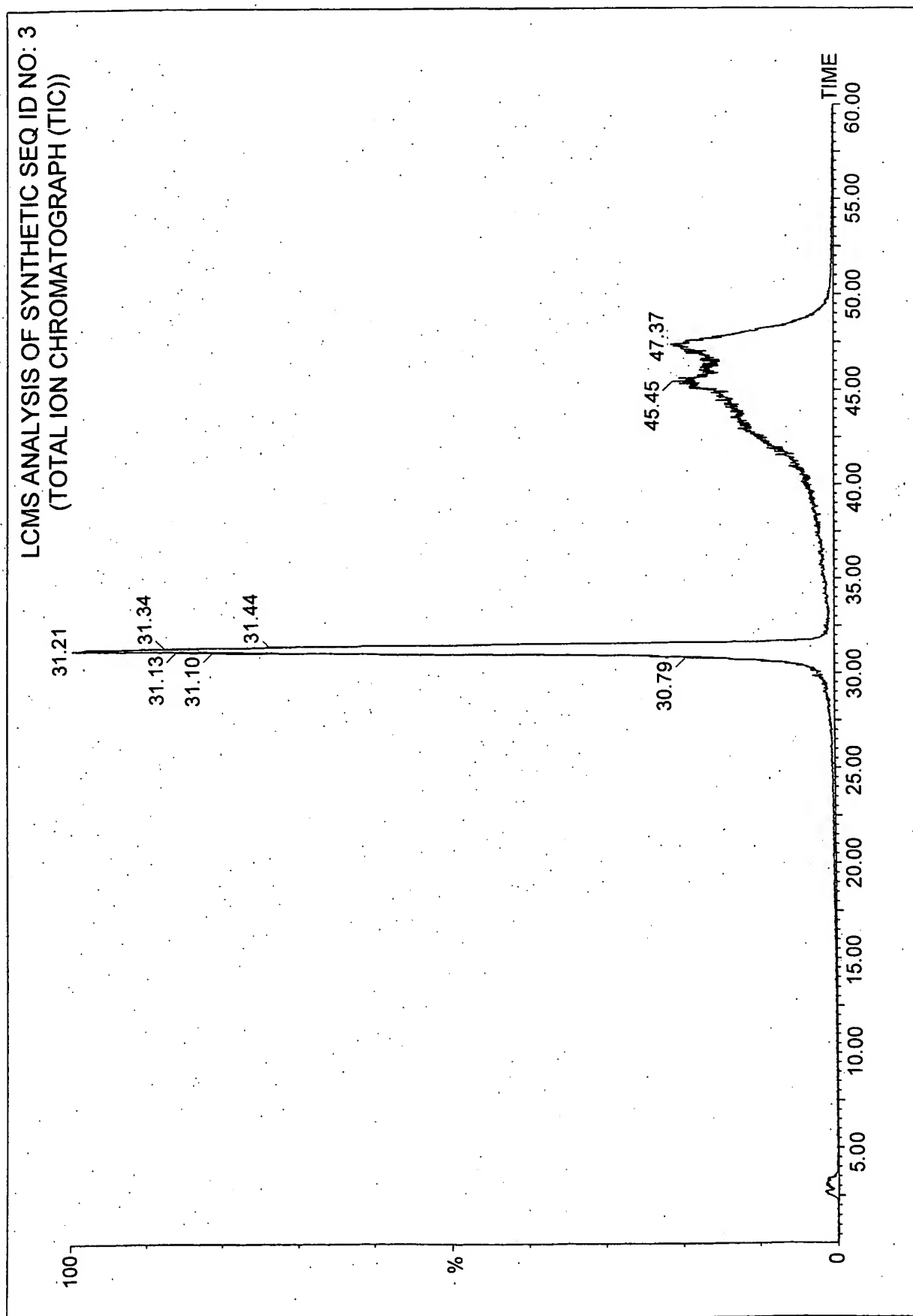


FIG. 1B

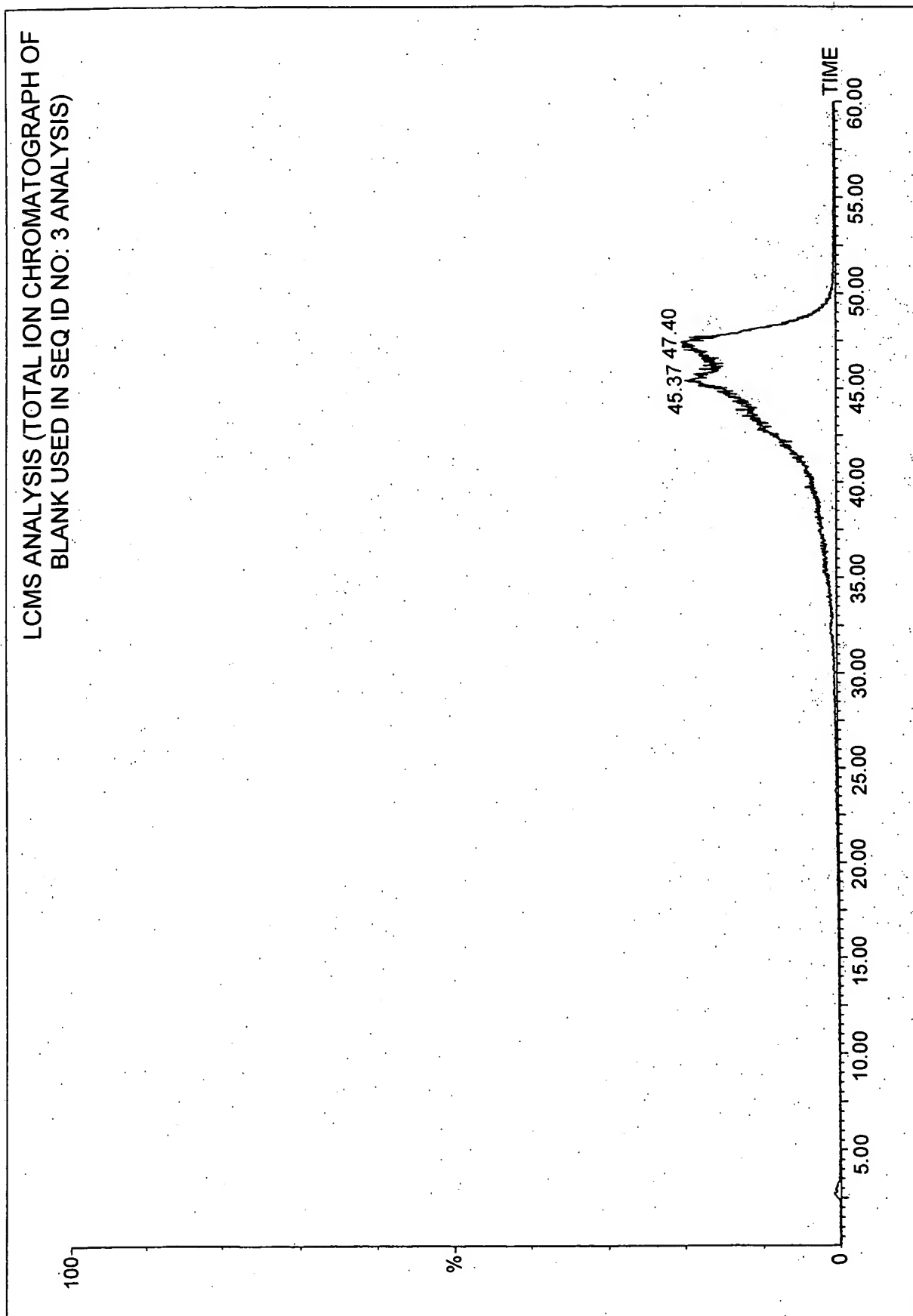


FIG. 1C

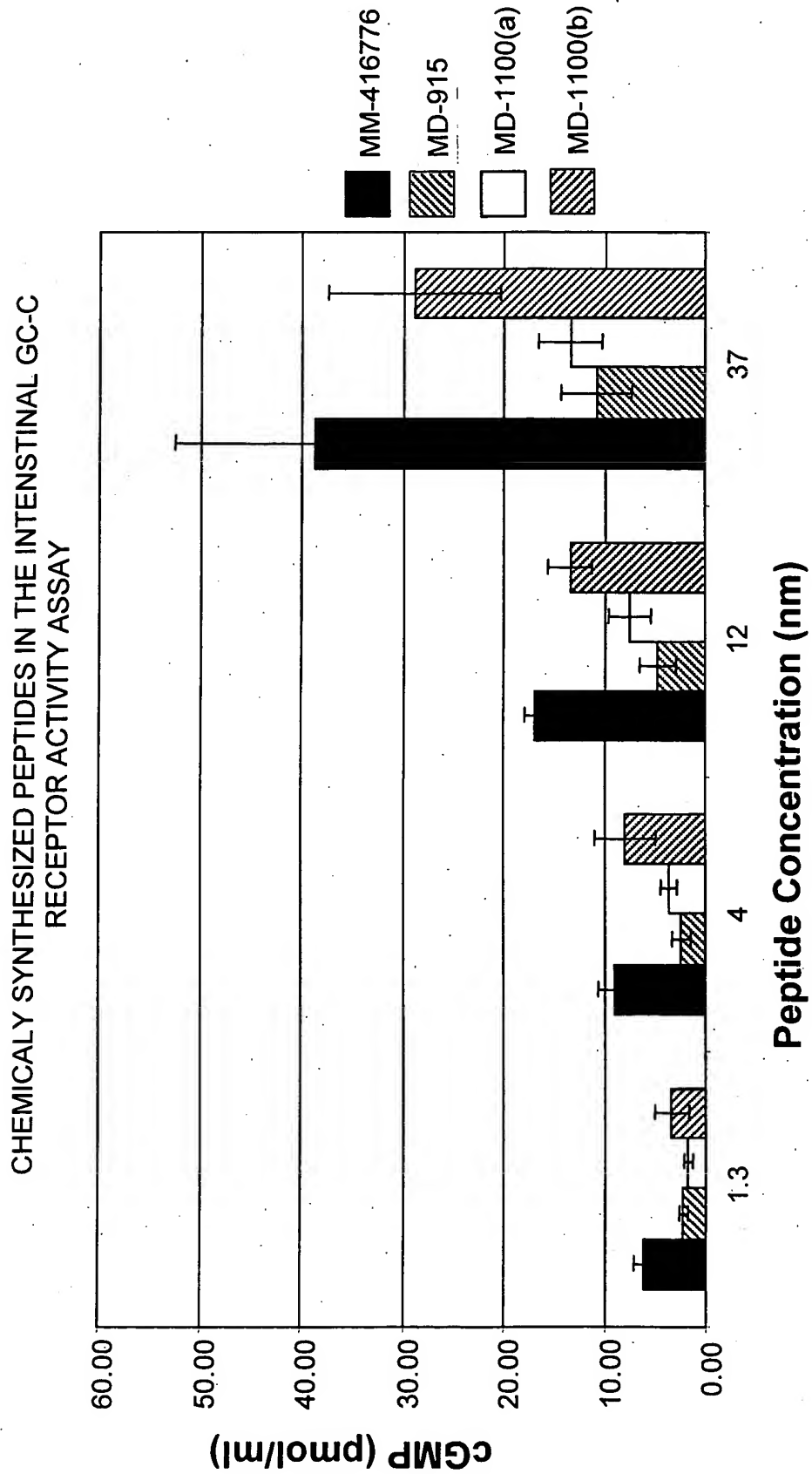


FIG. 2

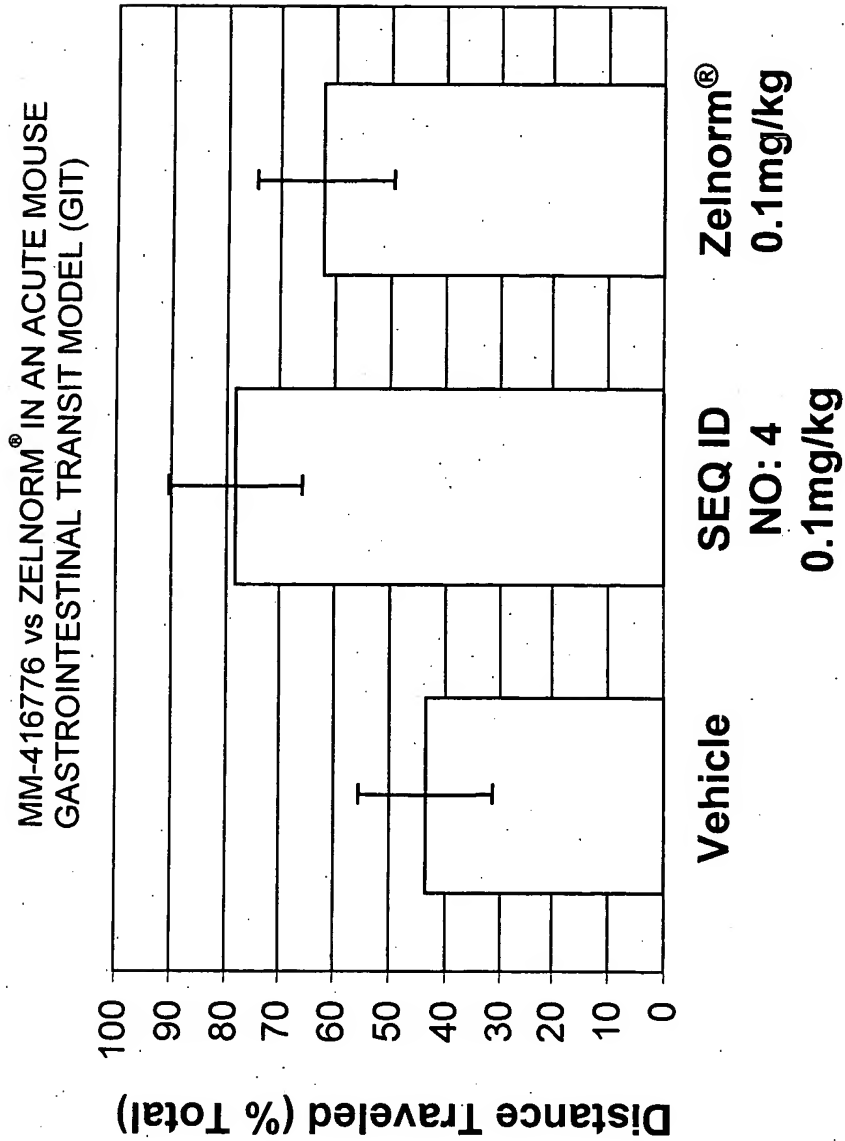


FIG. 3A

Applicant(s): Mark G. Currie et al.

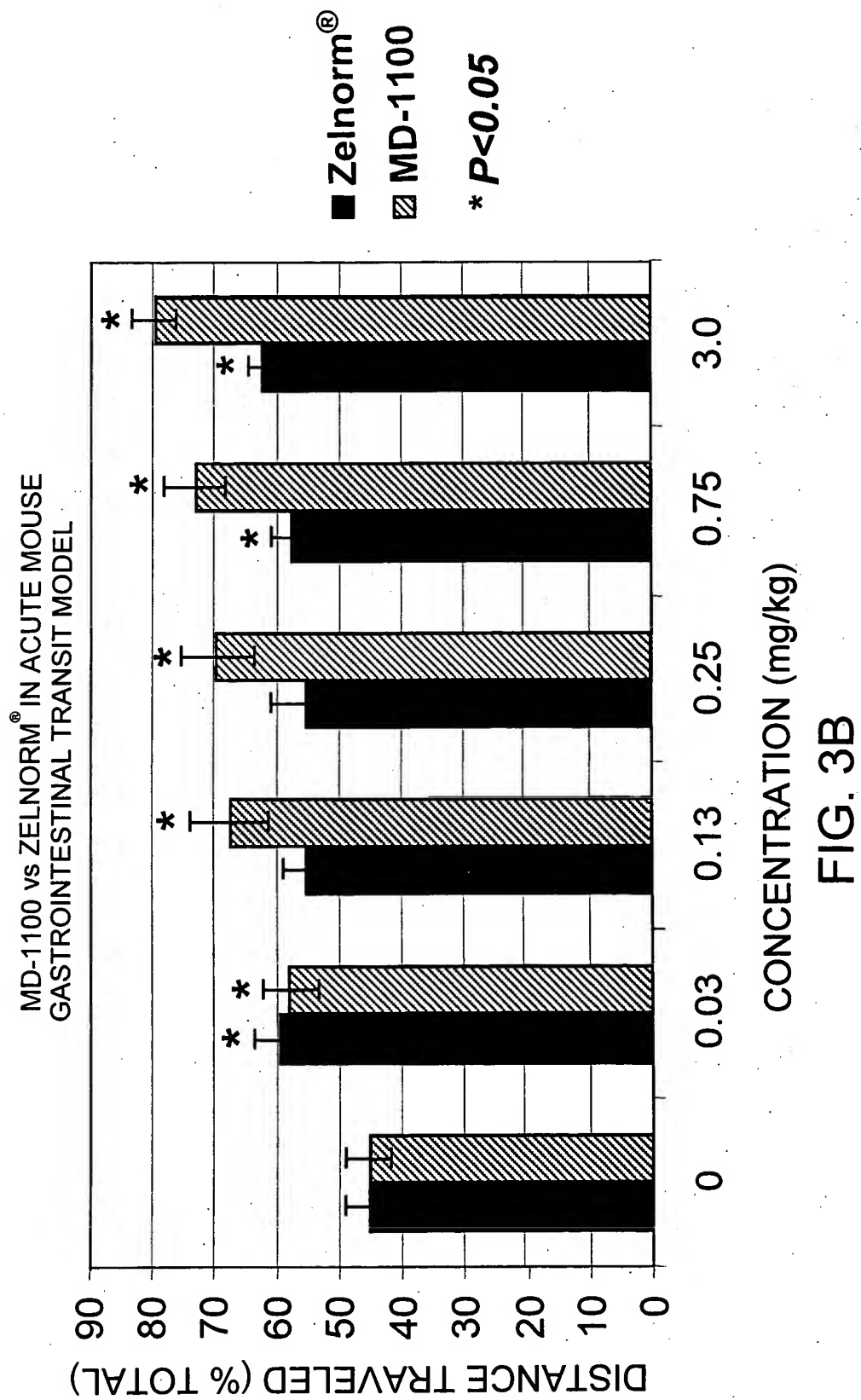
METHODS AND COMPOSITIONS FOR THE TREATMENT OF
GASTROINTESTINAL DISORDERS

FIG. 3B

Applicant(s): Mark G. Currie et al.

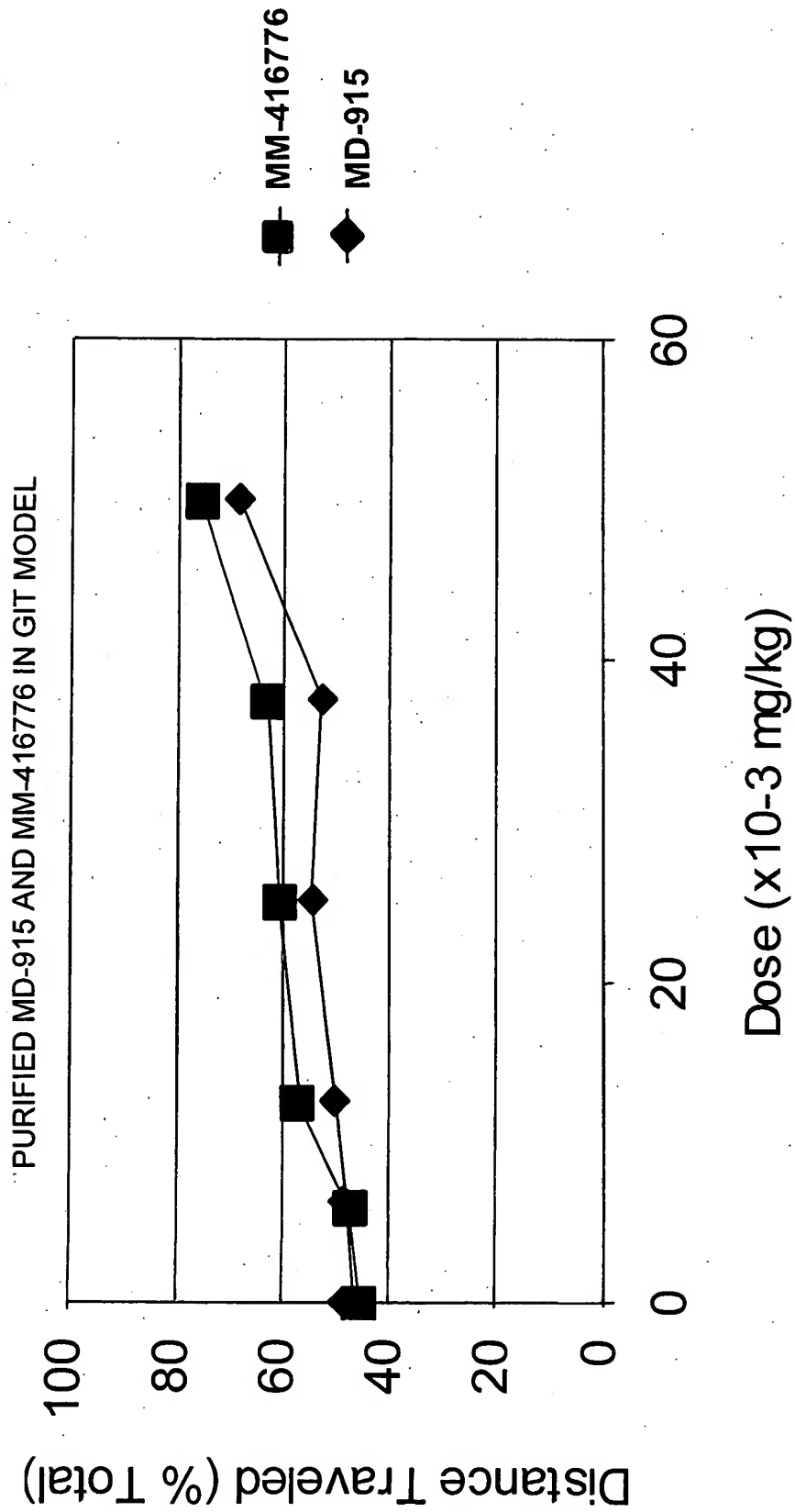
METHODS AND COMPOSITIONS FOR THE TREATMENT OF
GASTROINTESTINAL DISORDERS

FIG. 4A

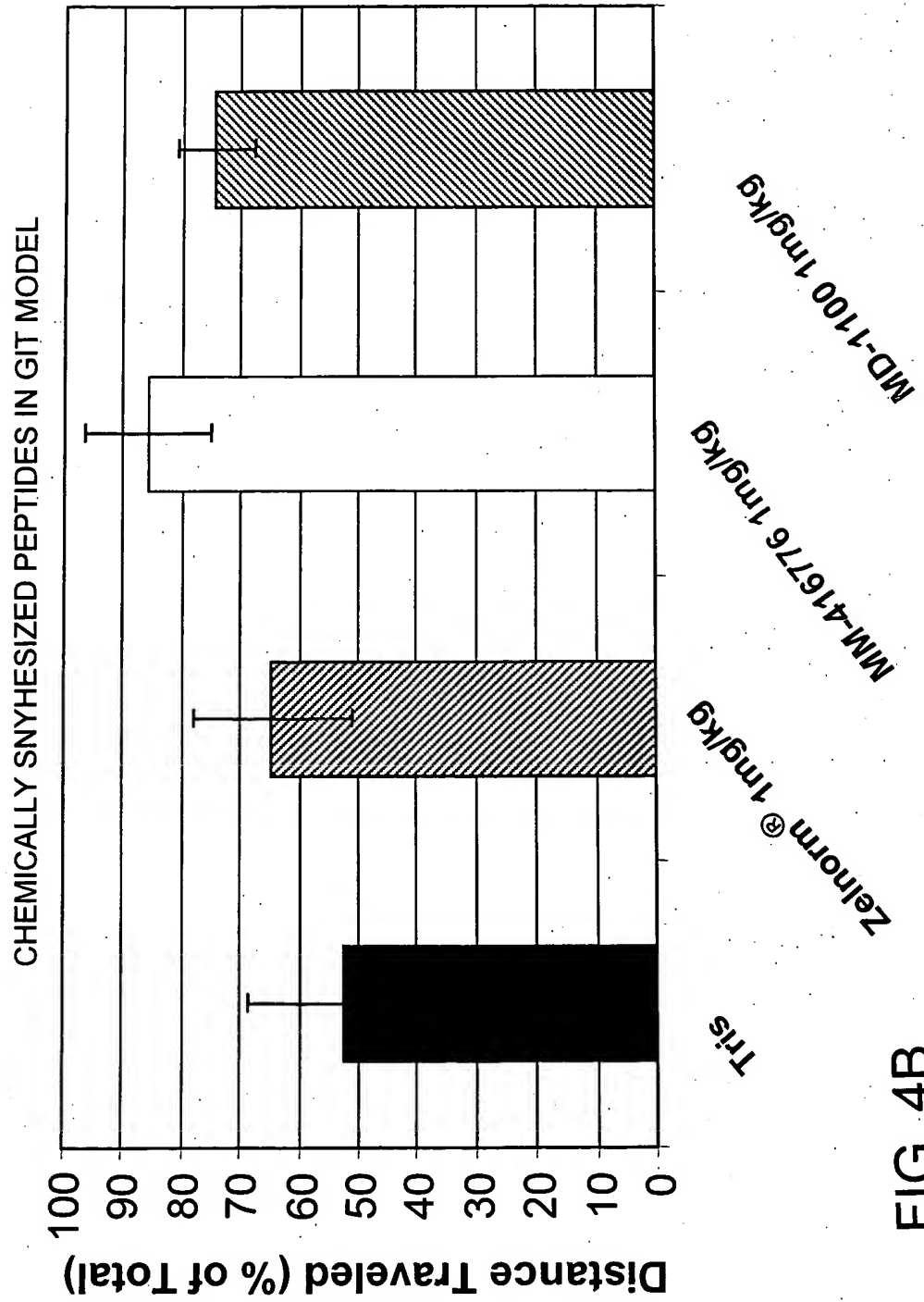
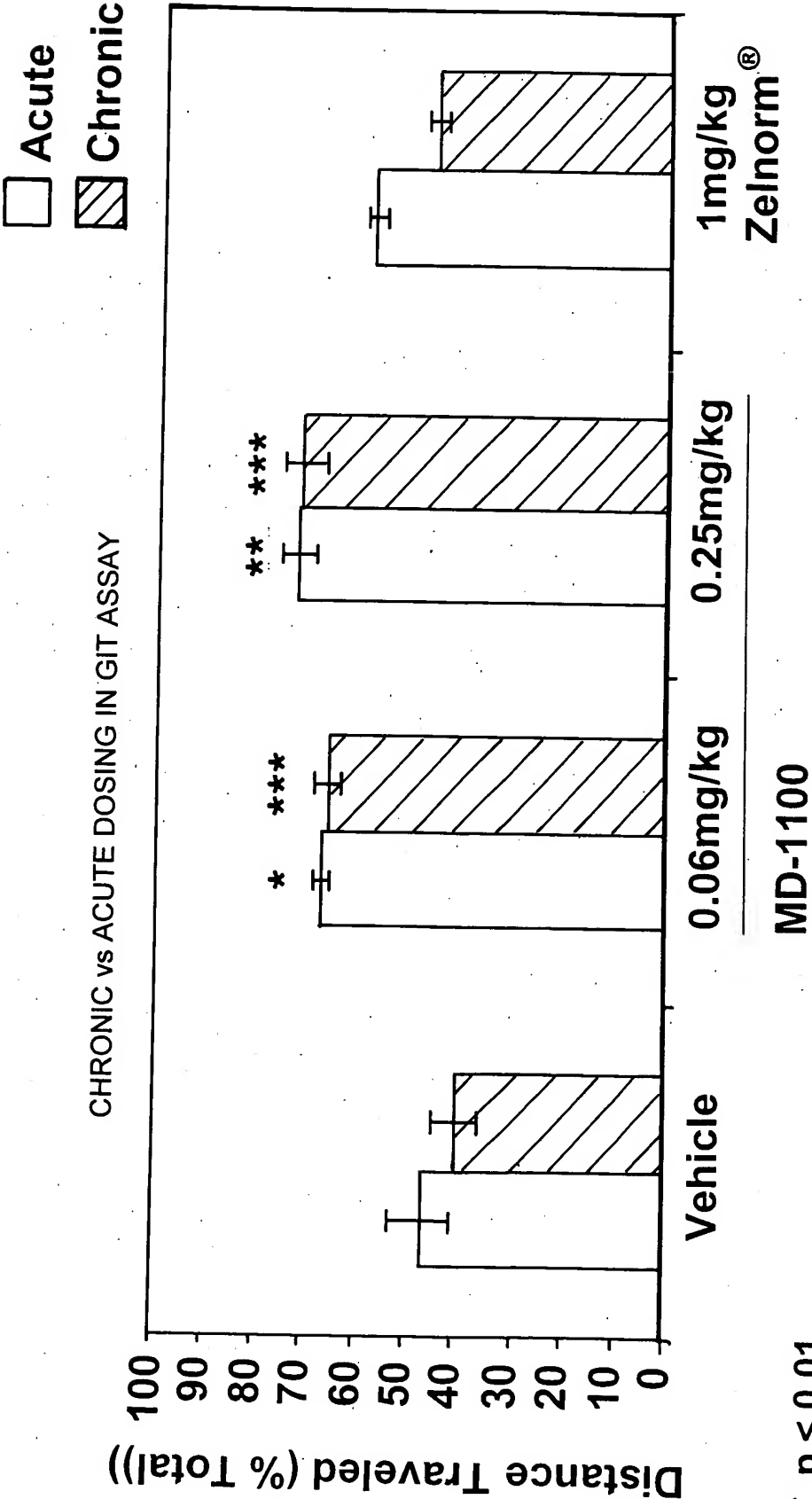


FIG. 4B



* $p < 0.01$
** $p < 0.005$
*** $p < 0.0005$

FIG. 4C

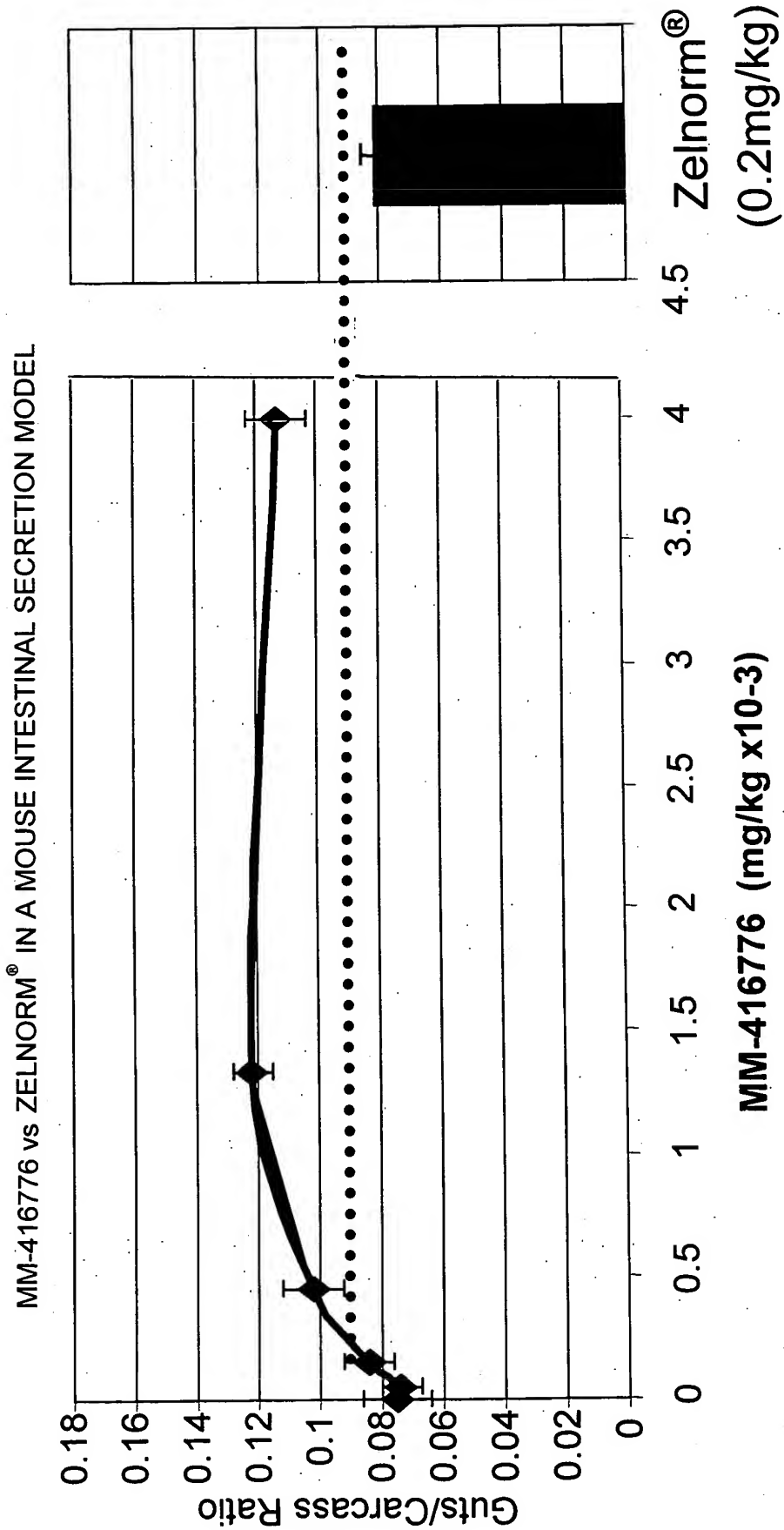


FIG. 5A

Applicant(s): Mark G. Currie et al.

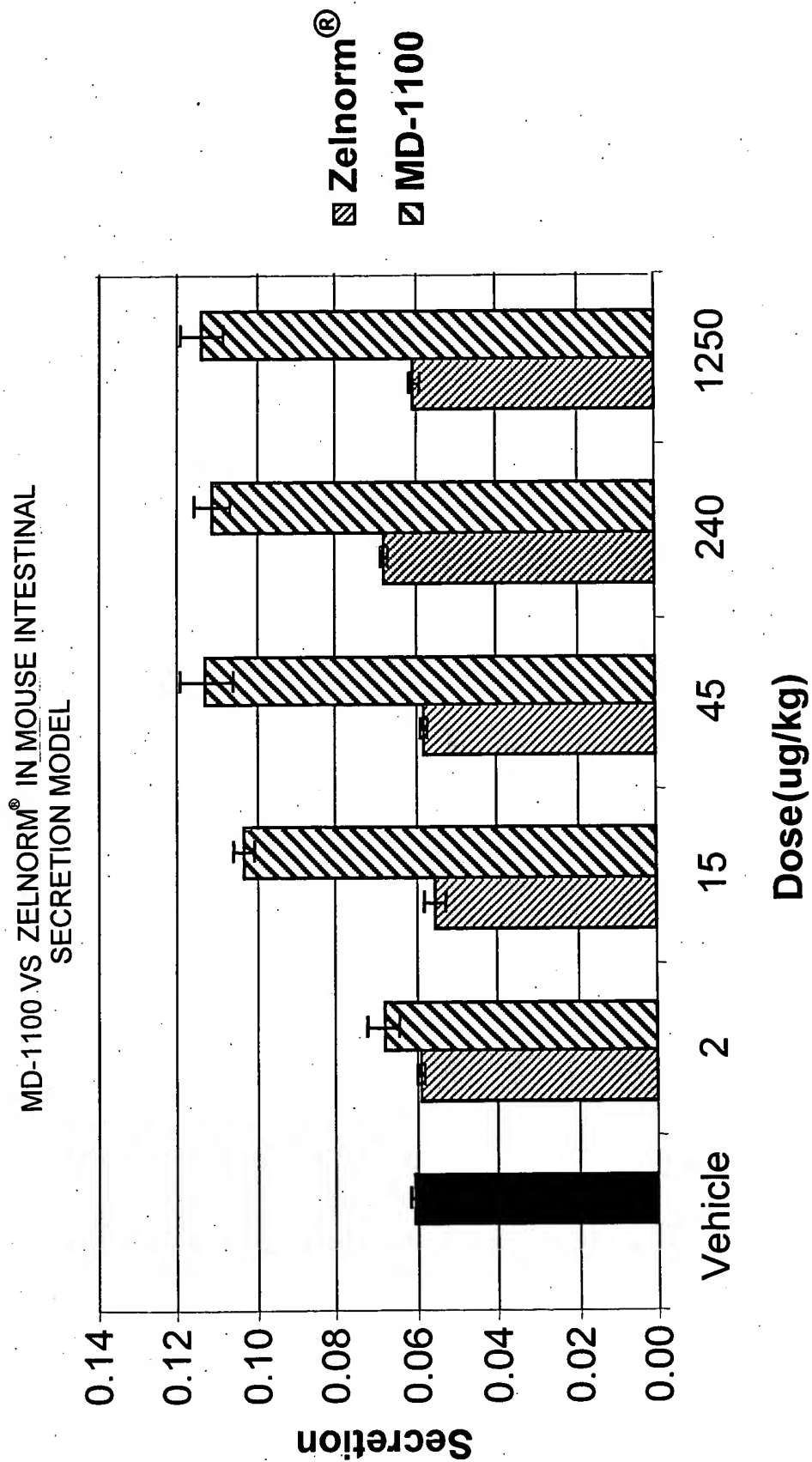
METHODS AND COMPOSITIONS FOR THE TREATMENT OF
GASTROINTESTINAL DISORDERS

FIG. 5B

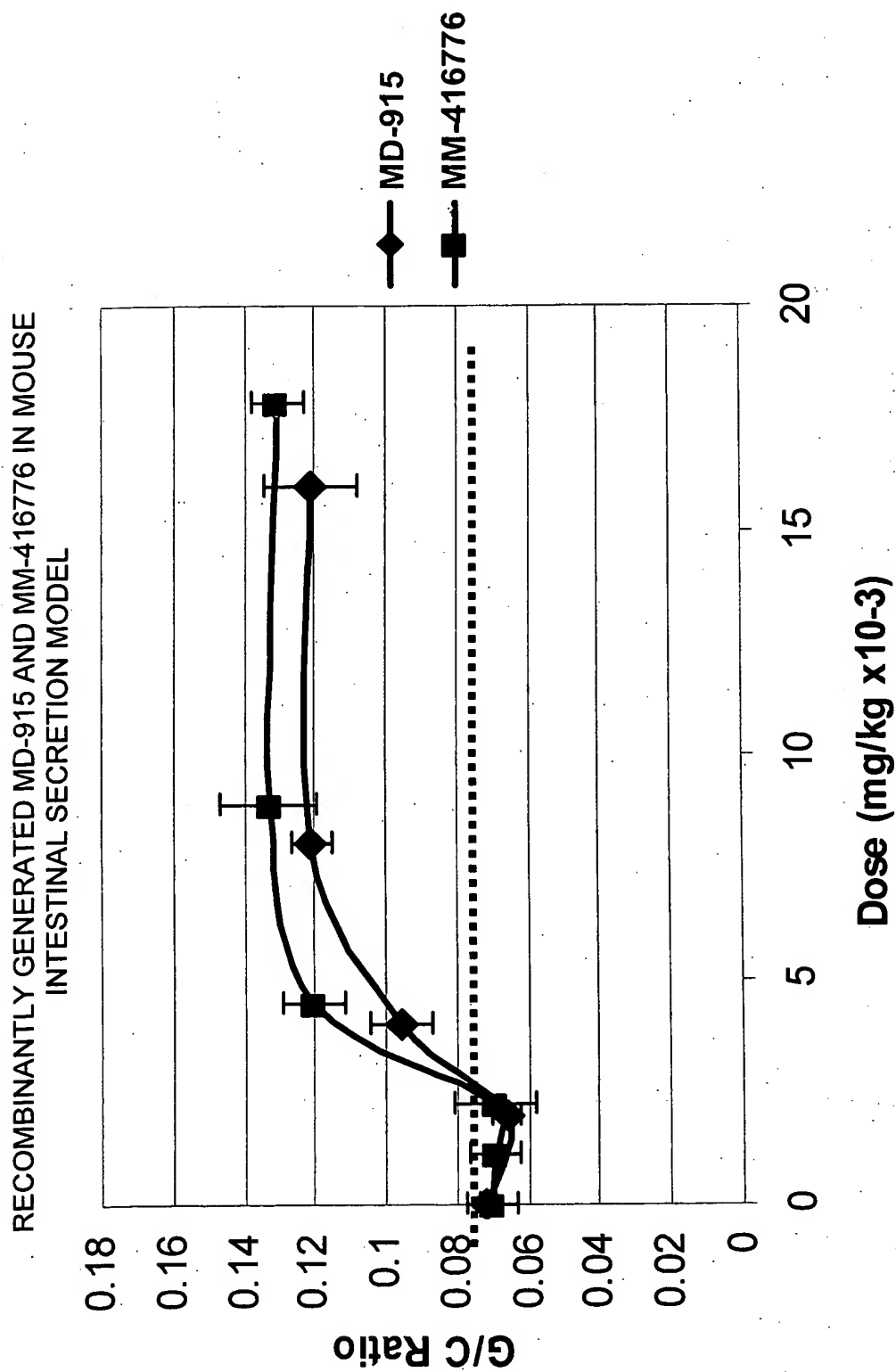


FIG. 6A

CHEMICALLY SYNTHESIZED PEPTIDES IN MOUSE
 INTESTINAL SECRETION MODEL

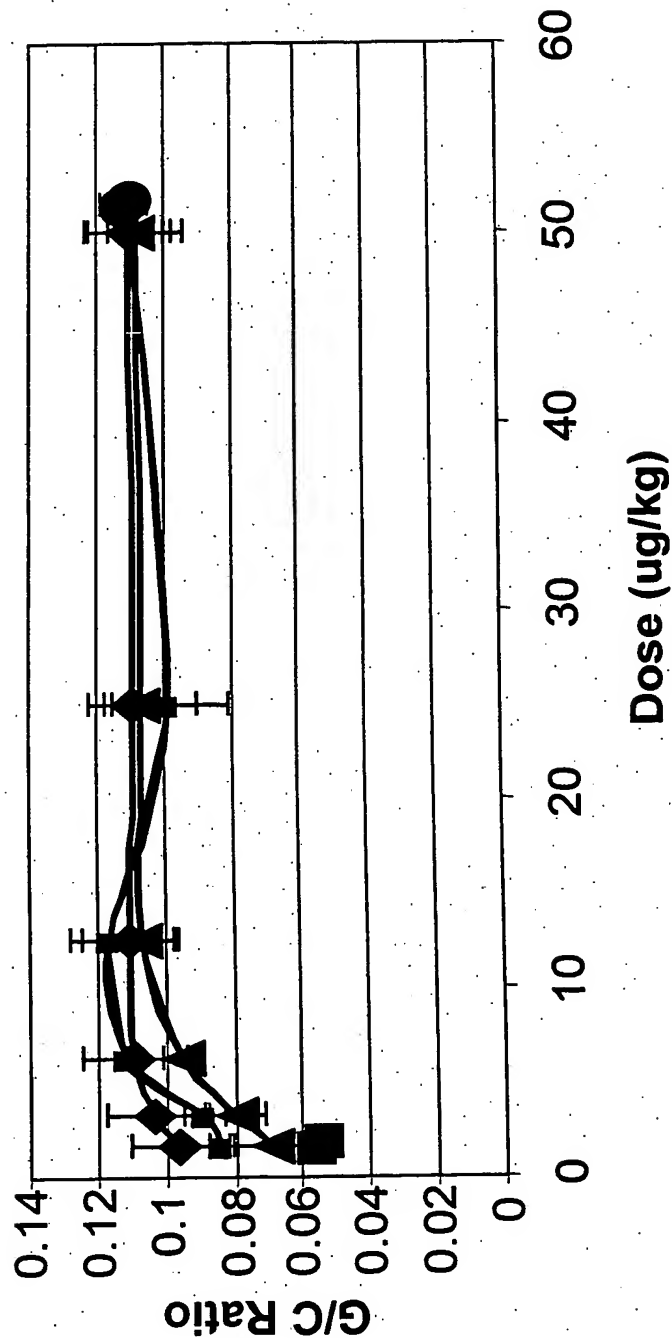
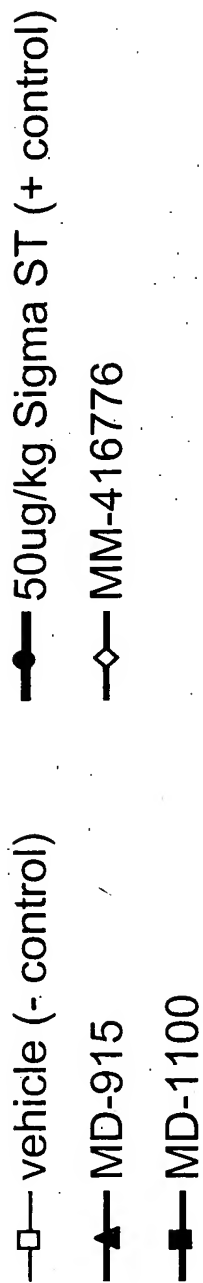


FIG. 6B

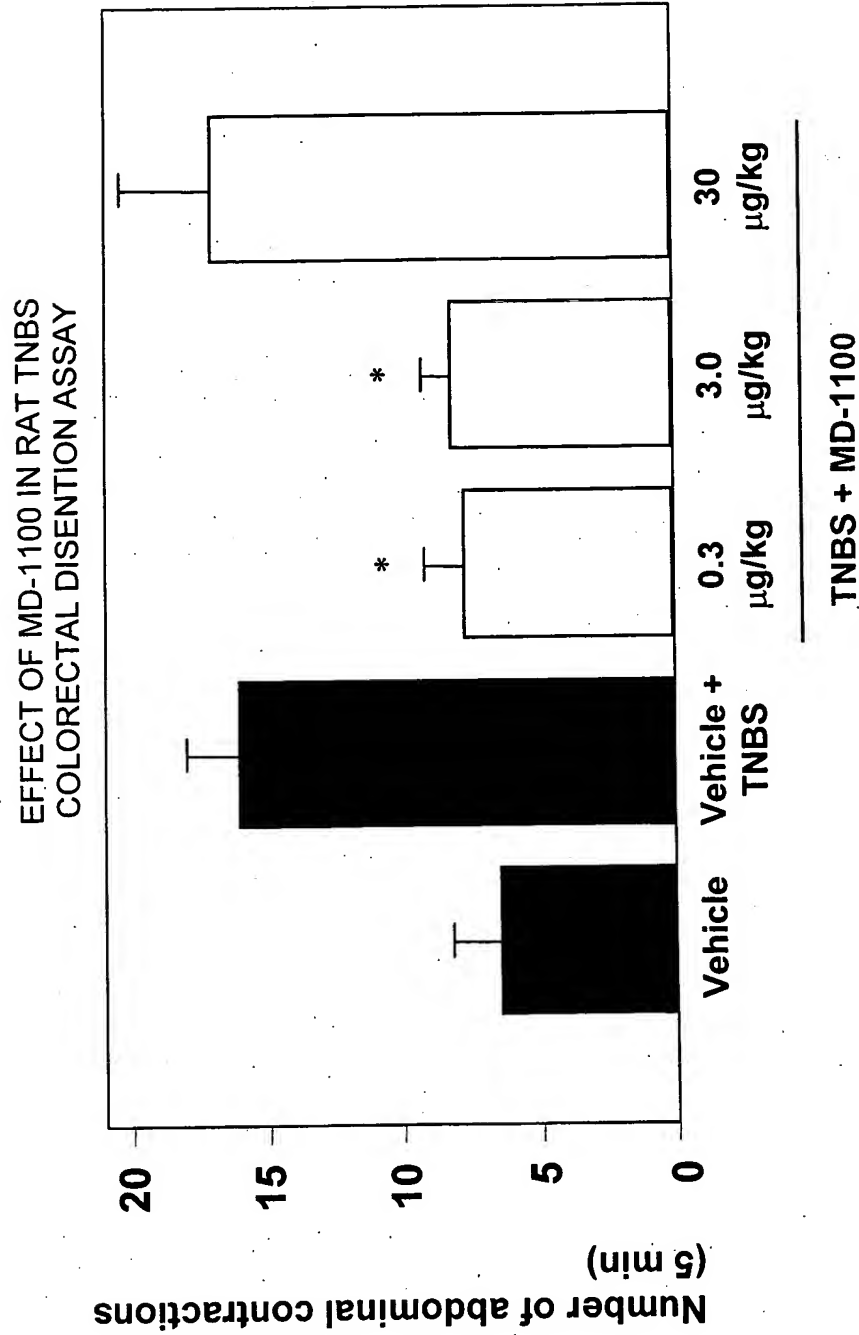


FIG. 7

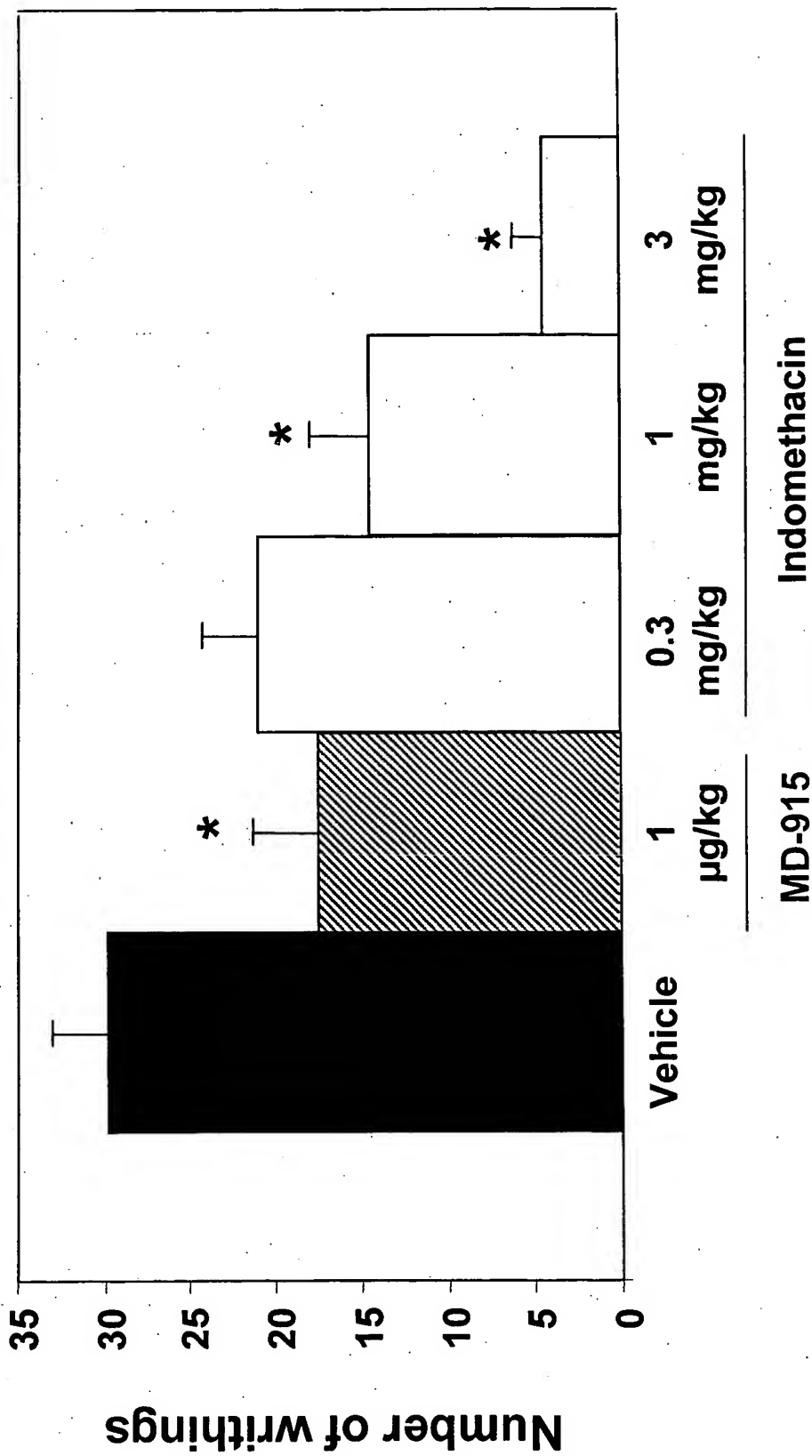
VISCERAL ANTINOCICEPTIVE EFFECTS
OF MD-915 IN A MOUSE WRITHING ASSAY

FIG. 8A

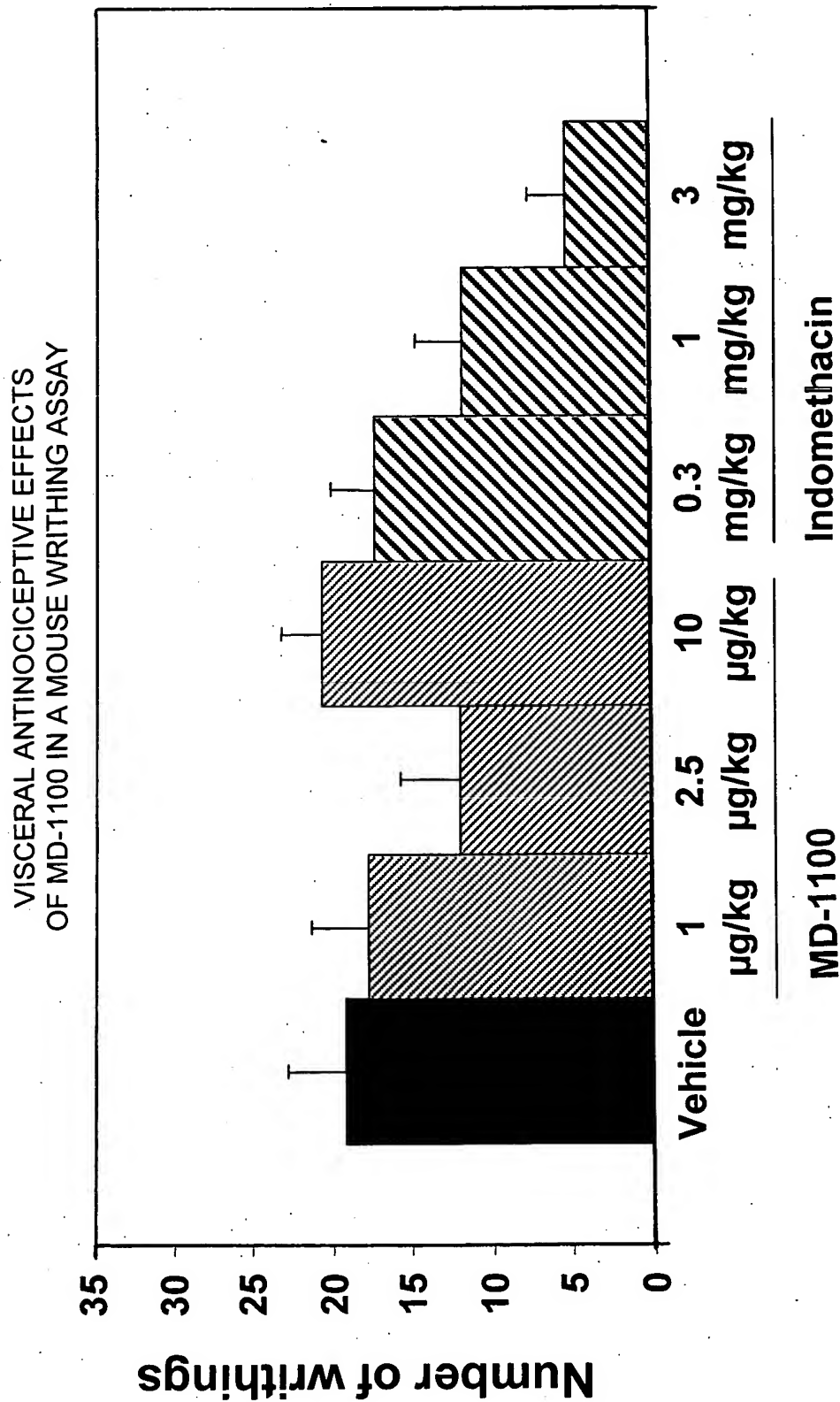
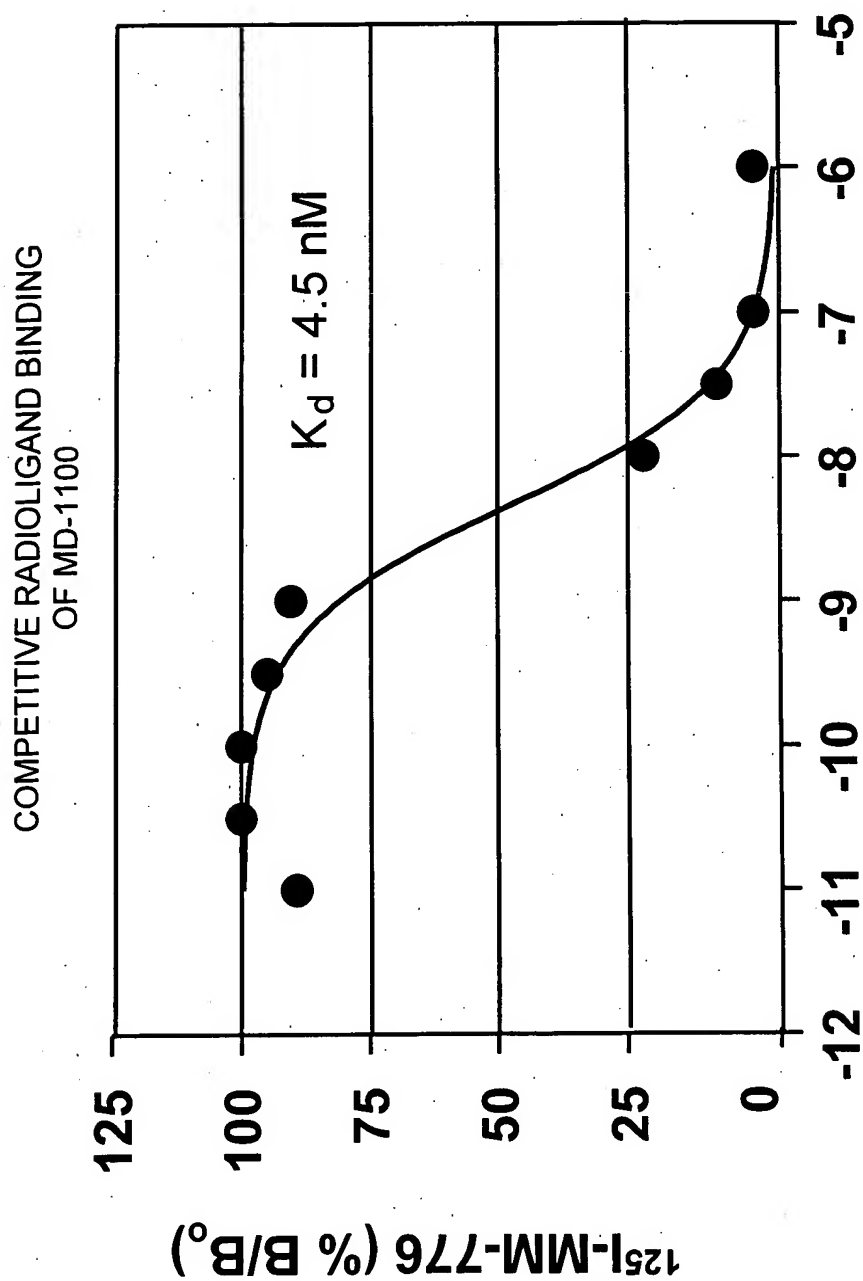


FIG. 8B



SEQ ID NO: 3, Log (M)

FIG. 9

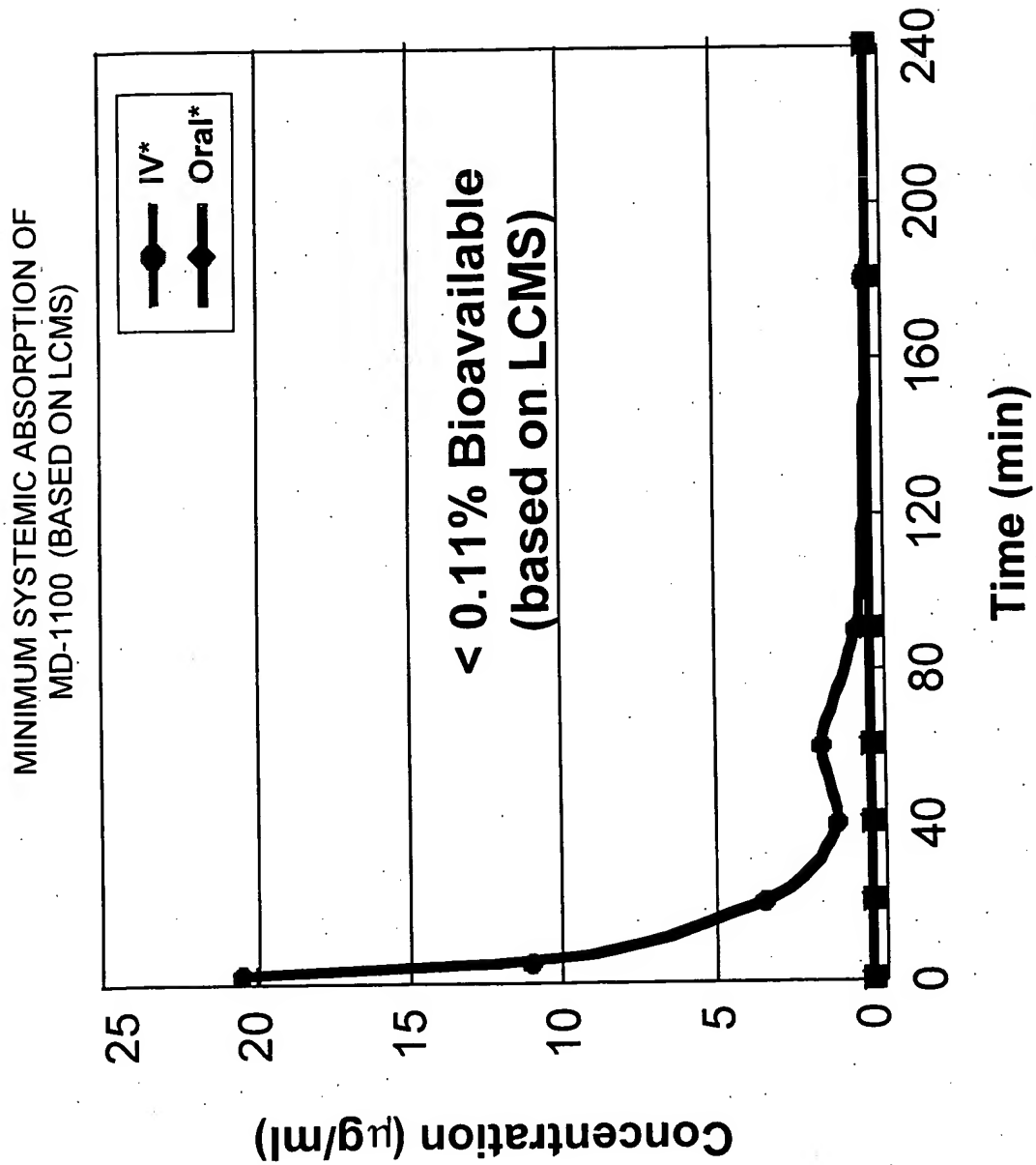


FIG. 10A

- Limit of detection 0.00063 $\mu\text{g/mL}$ (0.6 nM)
- Dosing at 10 mg/kg

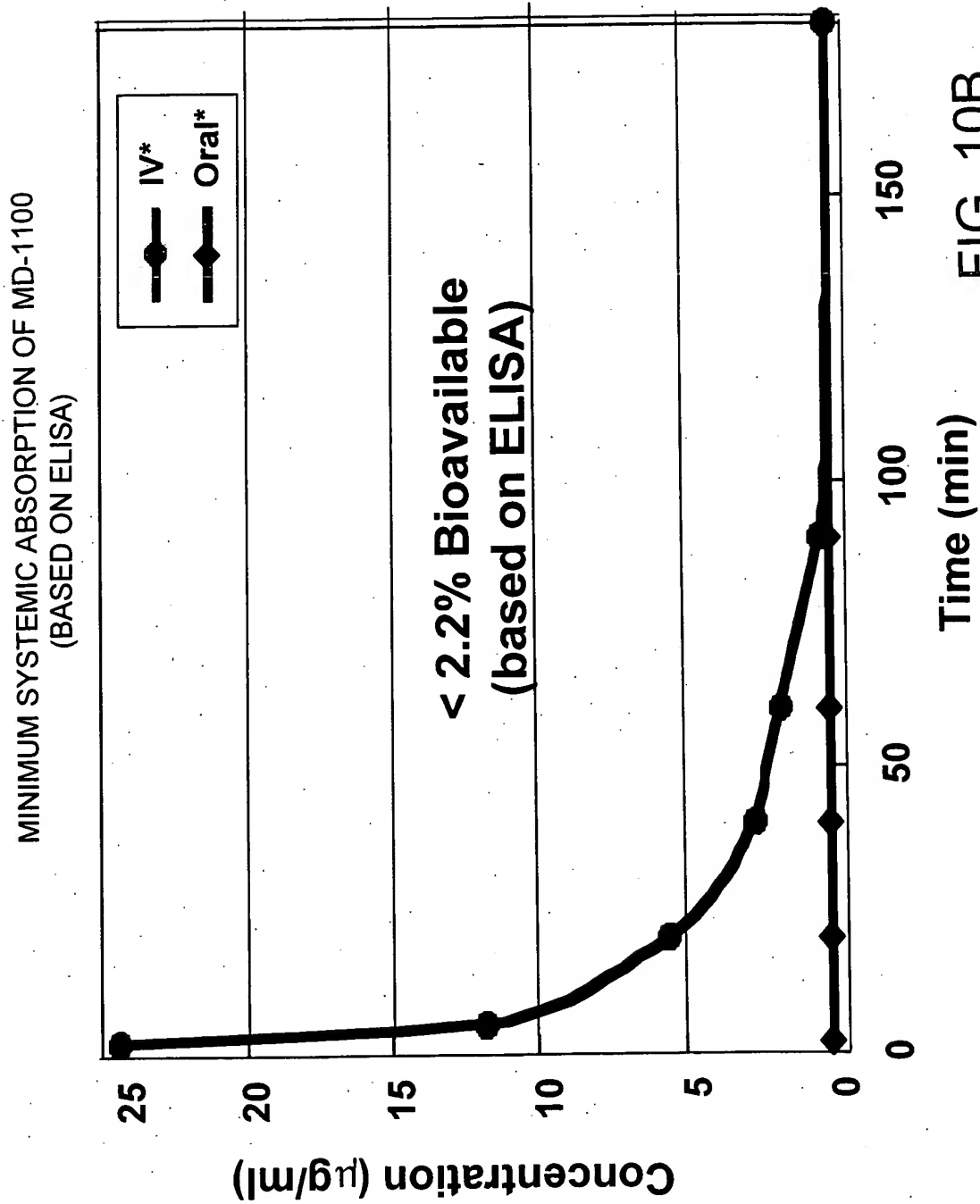


FIG. 10B

* Limit of detection 0.061 µg/ml
Dosing at 10 mg/kg

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